

Rational Design of a BPA-Aptamer Selective SERS Nanoprobe

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Supplemental Information: The materials herein demonstrate the determination of the binding affinity of free BPA to a BPA selective aptamer using microscale thermophoresis, where the fraction of bound aptamer is calculated based on the changing fluorescence signal during titration of the target BPA.

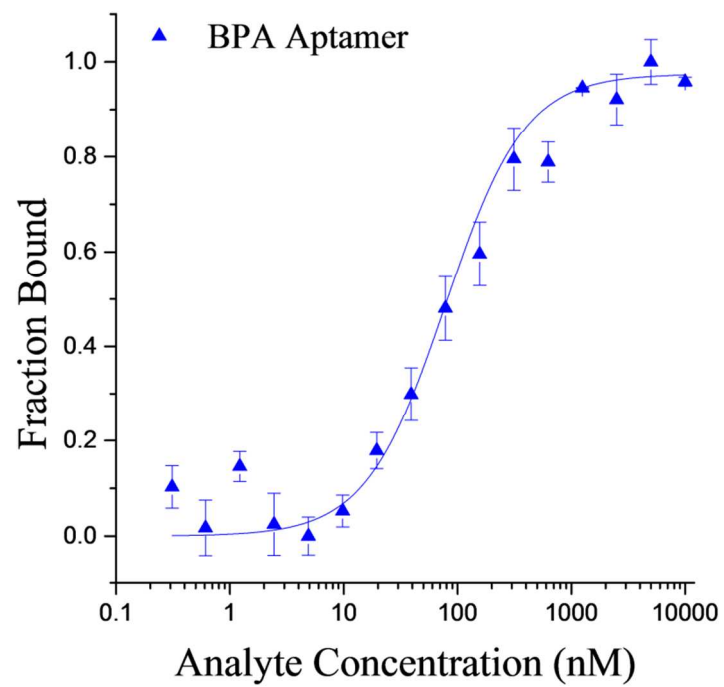


Figure S-1: Binding behavior of free BPA to the BPA-specific aptamer ($K_d \sim 100$ nM, $r^2=0.99$).